

## POTOMAC RIVER BASIN

01621050 MUDDY CREEK AT MOUNT CLINTON, VA

**LOCATION.**--Lat 38°29'12", long 78°57'40", Rockingham County, Hydrologic Unit 02070005, on right downstream side of bridge on State Highway 726, at Mount Clinton.

**DRAINAGE AREA.**--14.2 mi<sup>2</sup>.

## WATER-DISCHARGE RECORDS

**PERIOD OF RECORD.**--April 1993 to current year.

**GAGE.**--Water-stage recorder. Elevation of gage is 1,320 ft above sea level, from topographic map.

**REMARKS.**--Records good except for periods of doubtful or no gage-height record, Oct. 12-18, Dec. 15-20, and Sept. 26, 27, and for period with ice effect, Jan. 20 to Feb. 6, which are fair. Several measurements of water temperature were made during the year. Water-quality records for some prior periods have been collected at this location.

**EXTREMES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 150 ft<sup>3</sup>/s and maximum (\*):

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
Jun 14	1815	494	5.18	Jul 29	2030	*516	*5.24

Minimum discharge, 1.2 ft<sup>3</sup>/s, Jan. 17, gage height, 2.51 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	2.4	2.1	3.0	e1.7	4.4	2.9	2.6	3.7	11	13	3.5
2	8.1	3.6	2.1	2.8	e1.7	4.0	2.9	2.5	3.4	10	11	4.0
3	7.1	3.7	2.1	2.7	e1.7	3.7	2.8	2.3	3.1	10	9.8	4.6
4	8.8	2.8	2.0	2.8	e1.8	3.6	3.8	2.3	3.0	11	9.2	3.6
5	7.9	2.7	2.0	2.6	e1.9	3.4	2.9	2.7	3.0	9.1	8.3	4.0
6	6.7	2.6	2.0	2.4	e1.9	3.2	2.7	2.6	10	8.4	7.9	3.5
7	6.0	2.6	1.8	2.4	2.0	2.9	2.6	2.3	5.5	7.9	7.3	3.2
8	5.5	2.5	1.8	2.3	2.1	2.8	2.6	2.3	4.4	7.4	6.8	3.0
9	5.4	2.5	1.8	2.6	2.1	2.7	2.6	2.2	4.0	6.9	6.5	2.9
10	7.8	2.2	2.5	3.0	2.4	2.7	2.5	2.2	3.5	6.6	6.2	3.0
11	6.9	2.1	2.2	2.8	3.0	3.2	2.3	2.1	3.3	6.4	5.6	2.9
12	e6.3	2.4	1.9	2.6	3.1	6.1	2.3	2.1	3.3	5.7	5.7	2.9
13	e5.6	2.1	2.4	2.7	2.8	3.5	2.3	2.1	13	5.6	5.6	2.7
14	e5.4	2.0	15	2.6	3.9	3.2	2.3	2.0	61	5.2	5.2	2.7
15	e5.0	2.0	e14	2.6	3.6	3.0	2.3	1.9	36	4.8	4.9	2.7
16	e4.5	2.0	e11	2.8	3.3	3.1	2.3	1.8	24	4.5	4.8	2.6
17	e4.0	1.9	e9.0	2.5	3.1	3.4	2.7	1.8	15	4.3	4.3	2.5
18	e3.5	1.8	e7.6	2.2	5.1	2.8	6.7	1.7	17	4.1	7.4	2.5
19	3.4	1.8	e6.6	2.2	12	2.8	4.5	1.8	21	4.2	5.0	4.5
20	3.6	1.8	e6.0	e2.1	8.1	3.0	3.6	1.9	20	5.0	4.4	3.3
21	3.4	1.7	5.0	e2.0	7.0	20	4.0	1.7	16	4.0	4.1	2.8
22	3.1	1.9	5.1	e1.9	6.4	11	3.3	34	30	3.7	3.9	2.6
23	3.1	1.9	4.7	e1.7	6.1	7.5	2.8	12	18	3.6	4.0	2.6
24	3.0	1.7	4.6	e1.6	5.8	6.4	2.7	9.2	14	4.7	3.9	2.6
25	2.9	1.7	4.2	e1.5	5.6	5.6	3.7	6.5	12	4.3	3.7	18
26	2.8	5.6	4.1	e1.5	5.2	4.9	3.2	5.1	11	3.7	3.6	e21
27	2.7	5.1	4.1	e1.5	5.0	4.7	3.0	4.8	11	3.6	3.4	e10
28	2.6	3.0	3.8	e1.5	4.9	4.5	2.8	5.2	28	12	3.4	8.1
29	2.5	2.6	3.6	e1.6	4.6	4.0	3.2	6.3	19	59	3.4	7.1
30	2.4	2.2	3.3	e1.7	---	3.6	2.7	4.7	13	39	3.4	6.3
31	2.3	---	3.2	e1.7	---	3.2	---	4.1	---	20	3.5	---
TOTAL	152.3	74.9	141.6	69.9	117.9	142.9	91.0	136.8	429.2	295.7	179.2	145.7
MEAN	4.91	2.50	4.57	2.25	4.07	4.61	3.03	4.41	14.3	9.54	5.78	4.86
MAX	10	5.6	15	3.0	12	20	6.7	34	61	59	13	21
MIN	2.3	1.7	1.8	1.5	1.7	2.7	2.3	1.7	3.0	3.6	3.4	2.5
CFSM	.35	.18	.32	.16	.29	.32	.21	.31	1.01	.67	.41	.34
IN.	.40	.20	.37	.18	.31	.37	.24	.36	1.12	.77	.47	.38

## 01621050 MUDDY CREEK AT MOUNT CLINTON, VA--Continued

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2000, BY WATER YEAR (WY)

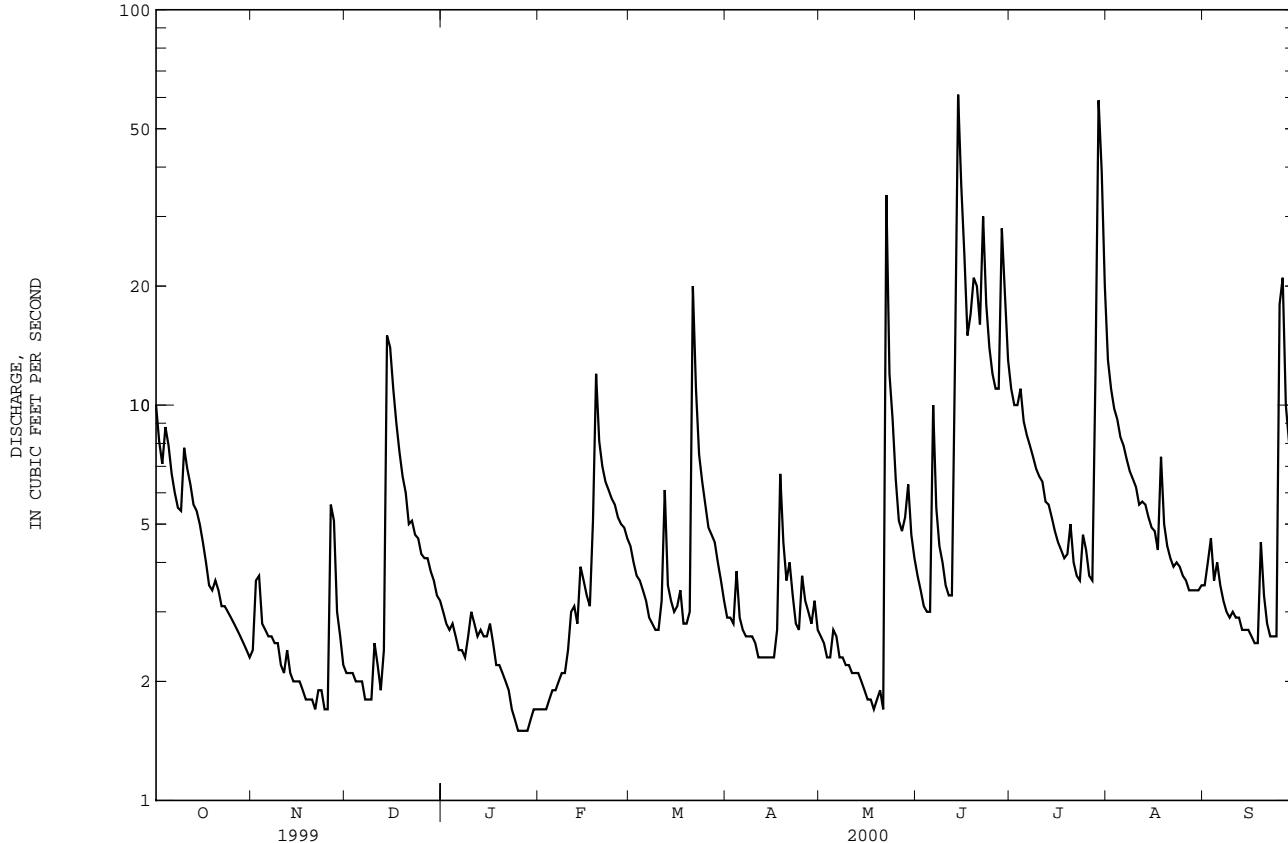
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	7.51	6.51	9.61	20.6	20.2	21.5	10.7	10.2	10.1	7.22	8.73	16.3
MAX	22.1	19.3	37.5	66.9	63.5	44.0	19.9	22.7	29.9	16.1	33.8	105
(WY)	1996	1997	1997	1996	1998	1998	1998	1998	1996	1995	1996	1996
MIN	1.88	1.65	1.31	2.25	3.50	4.61	2.64	2.30	1.01	1.20	1.30	1.85
(WY)	1999	1999	1999	2000	1999	2000	1999	1999	1999	1999	1999	1993

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR	FOR 2000 WATER YEAR	WATER YEARS 1993 - 2000
ANNUAL TOTAL	1305.30	1977.1	
ANNUAL MEAN	3.58	5.40	
HIGHEST ANNUAL MEAN			12.7
LOWEST ANNUAL MEAN			30.0
HIGHEST DAILY MEAN	37	Sep 6	1996
LOWEST DAILY MEAN	.57	Jul 17	1999
ANNUAL SEVEN-DAY MINIMUM	.81	Jun 22	
INSTANTANEOUS PEAK FLOW		61 Jun 14	1760 Sep 6 1996
INSTANTANEOUS PEAK STAGE		e1.5 aJan 25	.57 Jul 17 1999
INSTANTANEOUS LOW FLOW		1.6 Jan 23	.81 Jun 22 1999
ANNUAL RUNOFF (CFSM)	.25	516 Jul 29	3850 Sep 6 1996
ANNUAL RUNOFF (INCHES)	3.42	5.24 Jul 29	10.37 Sep 6 1996
10 PERCENT EXCEEDS	6.6	b1.2 Jan 17	.29 Jun 24 1999
50 PERCENT EXCEEDS	2.4		
90 PERCENT EXCEEDS	1.1		

a Also Jan. 26-28.

b Result of freezeup upstream.

e Estimated.



## POTOMAC RIVER BASIN

01621050 MUDDY CREEK AT MOUNT CLINTON, VA--Continued

## **WATER-QUALITY RECORDS**

**PERIOD OF RECORD.**--March 1993 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	SAMPLE		TEMPER-		BARO-		DIS-		SPE-
		TYPE	TEMPER-	METRIC	AGENCY	AGENCY	CHARGE,	PRES-	COL-	
		WATER	ATURE	(MM)	SAMPLE	SAMPLE	FEET	GAGE	DUCT-	
		(DEG C)	(DEG C)	(HG)	OF	(CODE)	PER	HEIGHT	ANCE	
		(00010)	(00020)	(00025)	NUMBER)	NUMBER)	SECOND	(FEET)	(US/CM)	
							(00061)	(00065)	(00095)	

01621050 MUDDY CREEK AT MOUNT CLINTON, VA (LAT 38 29 12N LONG 078 57 38W)

OCT 1999										
19...	1230	ENVIRONMENTAL	11.5	10.5	735	USGS	USGS	3.4	2.68	515
NOV										
10...	1600	ENVIRONMENTAL	13.5	20.5	726	USGS	USGS	2.2	2.66	469
DEC										
07...	1600	ENVIRONMENTAL	7.5	5.0	733	USGS	USGS	1.8	2.64	460
FEB 2000										
03...	1330	ENVIRONMENTAL	.5	5.5	722	USGS	USGS	2.0	--	439
MAR										
01...	1330	ENVIRONMENTAL	10.0	14.5	724	USGS	USGS	4.4	2.74	436
09...	1500	ENVIRONMENTAL	15.0	22.0	721	USGS	USGS	2.7	2.66	427
APR										
17...	1600	ENVIRONMENTAL	16.2	12.5	--	USGS	USGS	2.6	2.70	399
18...	0830	ENVIRONMENTAL	10.5	5.0	725	USGS	USGS	6.8	2.84	370
MAY										
11...	1030	ENVIRONMENTAL	18.0	22.5	728	USGS	USGS	2.0	2.63	419
22...	1000	ENVIRONMENTAL	17.5	20.0	724	USGS	USGS	65	3.48	315
JUN										
20...	1100	ENVIRONMENTAL	19.0	22.5	734	USGS	USGS	22	3.01	488
29...	1230	ENVIRONMENTAL	20.0	24.0	725	USGS	USGS	18	2.98	486
JUL										
12...	1315	ENVIRONMENTAL	22.0	24.5	730	USGS	USGS	5.7	2.71	480
27...	1300	ENVIRONMENTAL	23.0	27.0	731	USGS	USGS	3.4	2.62	485
AUG										
15...	1200	BLANK	--	--	--	USGS	USGS	--	--	--
15...	1300	ENVIRONMENTAL	21.5	27.5	732	USGS	USGS	5.0	2.69	467
15...	1301	REPLICATE	--	--	--	USGS	USGS	5.0	2.69	--
29...	1230	ENVIRONMENTAL	19.5	21.0	730	USGS	USGS	3.4	2.62	509
SEP										
07...	1300	ENVIRONMENTAL	18.5	18.5	736	USGS	USGS	3.2	2.61	495
27...	1215	ENVIRONMENTAL	15.0	17.0	733	USGS	USGS	22	2.82	540

01621050 MUDDY CREEK AT MOUNT CLINTON, VA (LAT 38 29 12N LONG 078 57 38W)

## POTOMAC RIVER BASIN

01621050 MUDDY CREEK AT MOUNT CLINTON, VA--Continued

## WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	FLUO-	SILICA,	NITRO-	NITRO-	NITRO-	NITRO-	NITRO-	PHOS-			
	RIDE,	DIS-	SULFATE	AMMONIA	MONIA +	MONIA +	NO2+NO3	GEN, NITRITE	PHORUS		
	DIS-	SOLVED	DIS-	DIS-	ORGANIC	ORGANIC	DIS.	DIS-	DIS-	PHORUS	
	(MG/L)	(MG/L)	(MG/L)	(MG/L)	(MG/L)	(MG/L)	(MG/L)	(MG/L)	(MG/L)	TOTAL	
	AS F)	AS	AS SO4)	AS N)	AS P)	(MG/L AS P)					
	(00950)	(00955)	(00945)	(00608)	(00623)	(00625)	(00631)	(00613)	(00666)	(00671)	
										(00665)	
OCT 1999											
19...	.1	2.9	14.9	<.020	.23	.28	7.41	.039	.034	.023	.051
NOV											
10...	--	--	--	<.020	.32	.43	4.59	.057	.041	.026	.056
DEC											
07...	--	--	--	<.020	.48	.43	4.73	.050	.065	.047	.045
FEB 2000											
03...	.1	3.5	12.5	<.020	.16	.23	4.63	.019	.016	<.010	.028
MAR											
01...	--	--	--	<.020	.26	.34	4.35	.034	.036	.021	.056
09...	--	--	--	.028	.42	.58	3.46	.054	.055	.040	.083
APR											
17...	--	--	--	.065	.54	.67	2.69	.063	.067	.042	.155
18...	<.1	5.8	11.1	.243	.19	1.2	2.47	.068	.172	.118	.236
MAY											
11...	.1	6.2	10.0	.022	.50	.56	1.94	.109	.093	.063	.117
22...	<.1	6.0	.3	.592	1.9	3.3	3.66	.148	.431	.376	.978
JUN											
20...	.1	8.7	14.9	.033	.68	.83	6.91	.071	.174	.141	.220
29...	--	--	--	--	--	--	--	--	--	--	--
JUL											
12...	<.1	3.4	11.1	<.020	.22	.36	6.13	.033	.073	.058	.082
27...	--	--	--	--	--	--	--	--	--	--	--
AUG											
15...	<.1	E.1	<.3	<.020	<.10	<.10	<.050	<.010	<.006	<.010	<.008
15...	.1	2.7	10.6	<.020	.27	.35	5.53	.019	.047	.037	.055
15...	<.1	2.7	10.5	<.020	.24	.36	5.54	.019	.047	.039	.058
29...	--	--	--	--	--	--	--	--	--	--	--
SEP											
07...	.1	6.2	9.7	<.020	.30	.32	4.34	.014	.095	.073	.108
27...	--	--	--	--	--	--	--	--	--	--	--
SOLIDS,											
RESIDUE											
AT 180	IRON,	MANGA-	PROPA-	BUTYL-	SI-	PRO-	DEETHYL				
DEG. C	DIS-	NESE-	CHLOR-	ATE,	MAZINE,	METON,	ATRA-	CYANA-			
DIS-	SOLVED	DIS-	DISOLVED	WATER,	WATER,	WATER,	ZINE,	ZINE,			
(UG/L)	(UG/L)	(UG/L)	(UG/L)	DISS,	DISS,	DISS,	WATER,	WATER,			
(MG/L)	AS FE)	AS MN)	(04024)	REC	REC	REC	DISS,	DISS,			
(70300)	(01046)	(01056)		E29.0	(04035)	(04037)	DISS,	DISS,			
							REC	REC			
							REC	REC			
							(04040)	(04041)			
							(04041)	(04095)			
											(34253)
OCT 1999											
19...	257	E10	8	<.007	<.002	.051	<.018	E.16	<.004	<.003	<.002
NOV											
10...	--	--	--	<.007	<.002	.037	E.008	E.10	<.004	<.003	<.002
DEC											
07...	--	--	--	<.007	<.002	.042	E.004	E.12	<.004	<.003	<.002
FEB 2000											
03...	256	10	12	<.007	<.002	.025	<.018	E.12	<.004	<.003	<.002
MAR											
01...	--	--	--	<.007	<.002	.027	<.018	E.14	<.004	<.003	<.002
09...	--	--	--	<.007	<.002	.027	<.018	E.12	<.004	<.003	<.002
APR											
17...	--	--	--	--	--	--	--	--	--	--	--
18...	217	70	23	<.007	<.002	.014	<.018	E.059	<.004	<.003	<.002
MAY											
11...	246	60	24	<.007	<.002	.035	E.002	E.065	<.004	<.003	<.002
22...	203	120	101	<.007	<.006	E29.0	E.007	E.57	.017	<.003	<.002
JUN											
20...	305	30	24	<.007	<.002	.881	E.009	E.49	.032	<.003	<.002
29...	--	--	--	<.007	<.002	.302	<.018	E.33	.019	<.003	<.002
JUL											
12...	284	20	7	--	--	--	--	--	--	--	--
27...	--	--	--	<.007	<.002	.119	E.006	E.20	<.004	<.003	<.002
AUG											
15...	<10	<10	E1	<.007	<.002	<.005	<.018	<.002	<.004	<.003	<.002
15...	250	20	6	<.007	<.002	.105	E.003	E.27	<.004	<.003	<.002
15...	252	10	7	<.007	<.002	.101	E.003	E.25	<.004	<.003	<.002
29...	--	--	--	<.007	<.002	.083	<.018	E.21	<.004	<.003	<.002
SEP											
07...	290	20	9	<.007	<.002	.066	E.005	E.18	<.004	<.003	<.002
27...	--	--	--	<.007	<.002	.058	<.018	E.23	<.004	<.003	<.002

OCT 1999											
19...	257	E10	8	<.007	<.002	.051	<.018	E.16	<.004	<.003	<.002
NOV											
10...	--	--	--	<.007	<.002	.037	E.008	E.10	<.004	<.003	<.002
DEC											
07...	--	--	--	<.007	<.002	.042	E.004	E.12	<.004	<.003	<.002
FEB 2000											
03...	256	10	12	<.007	<.002	.025	<.018	E.12	<.004	<.003	<.002
MAR											
01...	--	--	--	<.007	<.002	.027	<.018	E.14	<.004	<.003	<.002
09...	--	--	--	<.007	<.002	.027	<.018	E.12	<.004	<.003	<.002
APR											
17...	--	--	--	--	--	--	--	--	--	--	--
18...	217	70	23	<.007	<.002	.014	<.018	E.059	<.004	<.003	<.002
MAY											
11...	246	60	24	<.007	<.002	.035	E.002	E.065	<.004	<.003	<.002
22...	203	120	101	<.007	<.006	E29.0	E.007	E.57	.017	<.003	<.002
JUN											
20...	305	30	24	<.007	<.002	.881	E.009	E.49	.032	<.003	<.002
29...	--	--	--	<.007	<.002	.302	<.018	E.33	.019	<.003	<.002
JUL											
12...	284	20	7	--	--	--	--	--	--	--	--
27...	--	--	--	<.007	<.002	.119	E.006	E.20	<.004	<.003	<.002
AUG											
15...	<10	<10	E1	<.007	<.002	<.005	<.018	<.002	<.004	<.003	<.002
15...	250	20	6	<.007	<.002	.105	E.003	E.27	<.004	<.003	<.002
15...	252	10	7	<.007	<.002	.101	E.003	E.25	<.004	<.003	<.002
29...	--	--	--	<.007	<.002	.083	<.018	E.21	<.004	<.003	<.002
SEP											
07...	290	20	9	<.007	<.002	.066	E.005	E.18	<.004	<.003	<.002
27...	--	--	--	<.007	<.002	.058	<.018	E.23	<.004	<.003	<.002

## POTOMAC RIVER BASIN

01621050 MUDDY CREEK AT MOUNT CLINTON, VA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	P,P'	CHLOR-	LINDANE	DI-	METO-	MALA-	PARA-	DI-	ATRA-	ALA-	ACETO-
	DDE	PYRIFOS	SOLVED	DIS-	ELDRIN	LACHLOR	THION,	AZINON,	ZINE,	CHLOR,	CHLOR,
	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	WATER,	WATER,	WATER,
	(34653)	(38933)	(39341)	(39381)	(39415)	(39532)	(39542)	(39572)	(39632)	(46342)	(49260)
		01621050	MUDDY CREEK AT MOUNT CLINTON, VA (LAT 38 29 12N LONG 078 57 38W)								
OCT 1999											
19...	<.006	<.004	<.004	<.001	<.002	<.005	<.004	<.002	.087	<.002	<.002
NOV											
10...	<.006	<.004	<.004	<.001	.006	<.005	<.004	<.002	.064	<.002	<.002
DEC											
07...	<.006	<.004	<.004	<.001	E.003	<.005	<.004	<.002	.068	<.002	<.002
FEB 2000											
03...	<.006	<.004	<.004	<.001	<.005	<.005	<.004	<.002	.045	<.002	<.002
MAR											
01...	<.006	<.004	<.004	<.001	<.002	<.005	<.004	<.002	.047	<.002	<.002
09...	<.006	<.004	<.004	<.001	<.002	<.005	<.004	<.002	.050	<.002	<.002
APR											
17...	--	--	--	--	--	--	--	--	--	--	--
18...	<.006	<.004	<.004	<.001	.009	<.005	<.004	<.002	.033	<.002	<.002
MAY											
11...	<.006	<.004	<.004	<.001	.018	<.005	<.004	<.002	.083	<.002	<.002
22...	<.006	.012	<.004	<.001	.922	<.006	<.004	<.002	E25.0	.016	<.002
JUN											
20...	<.006	.009	<.004	<.001	.102	<.005	<.004	<.002	1.87	.008	<.002
29...	<.006	.005	<.004	<.001	.053	<.005	<.004	<.002	.737	.007	<.002
JUL											
12...	--	--	--	--	--	--	--	--	--	--	--
27...	<.006	<.004	<.004	<.001	.008	<.005	<.004	E.001	.307	<.002	<.002
AUG											
15...	<.006	<.004	<.004	<.001	<.002	<.005	<.004	E.003	<.001	<.002	<.002
15...	<.006	<.004	<.004	<.001	E.003	<.005	<.004	<.002	.226	<.002	<.002
15...	<.006	<.004	<.004	<.001	E.003	<.005	<.004	<.002	.219	<.002	<.002
29...	<.006	<.004	<.004	<.001	.006	<.005	<.004	<.002	.188	<.002	<.002
SEP											
07...	E.001	<.004	<.004	<.001	E.003	<.005	<.004	E.002	.122	<.002	<.002
27...	<.006	<.004	<.004	<.001	E.002	<.005	<.004	<.002	.114	<.002	<.002
		2,6-DI-	TRI-	ETHAL-	TER-	LIN-	METHYL	PEB-	TEBU-		
	METRI-	ETHYL	FLUR-	FLUR-	PHORATE	BACIL	URON	EPTC	ULATE	THIURON	
	BUZIN	ANILINE	ALIN	ALIN	WATER	WATER	WATER	WATER	WATER	WATER	
	SENCOR	WAT FLT	WAT FLT	WAT FLT	FLTRD	FLTRD	WAT FLT	FLTRD	FLTRD	FLTRD	
	WATER	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	
DATE	DISSOLV	GF, REC	GF, REC	GF, REC	GF, REC	GF, REC	GF, REC	GF, REC	GF, REC	GF, REC	
	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	
	(82630)	(82660)	(82661)	(82663)	(82664)	(82665)	(82666)	(82667)	(82668)	(82669)	(82670)
		01621050	MUDDY CREEK AT MOUNT CLINTON, VA (LAT 38 29 12N LONG 078 57 38W)								
OCT 1999											
19...	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.006	<.002	<.004	<.010
NOV											
10...	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.006	<.002	<.004	E.006
DEC											
07...	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.006	<.002	<.004	E.008
FEB 2000											
03...	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.006	<.002	<.004	E.004
MAR											
01...	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.006	<.002	<.004	E.010
09...	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.006	<.002	<.004	<.010
APR											
17...	--	--	--	--	--	--	--	--	--	--	--
18...	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.006	<.002	<.004	E.004
MAY											
11...	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.006	<.002	<.004	E.007
22...	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.006	<.002	<.004	<.010
JUN											
20...	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.006	<.002	<.004	.010
29...	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.006	<.002	<.004	E.009
JUL											
12...	--	--	--	--	--	--	--	--	--	--	--
27...	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.006	<.002	<.004	E.008
AUG											
15...	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.006	<.002	<.004	<.010
15...	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.006	<.002	<.004	<.010
15...	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.006	<.002	<.004	<.010
29...	<.004	<.003	<.002	<.004	<.002	<.020	<.002	<.006	<.002	<.004	E.008
SEP											
07...	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.006	<.002	<.004	E.005
27...	<.004	<.003	<.002	<.004	<.002	<.007	<.002	<.006	<.002	<.004	<.010

## POTOMAC RIVER BASIN

## 01621050 MUDDY CREEK AT MOUNT CLINTON, VA--Continued

## WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	MOL-	ETHO-	BEN-	CARBO-	TER-	PRON-	DISUL-	TRIAL-	PRO-	CAR-
	INATE	PROP	FLUR-	FURAN	BUFOS	AMIDE	FOTON	LATE	PANIL	BARYL
	WATER	WATER	ALIN	WATER						
	FLTRD	FLTRD	WAT FLD	FLTRD						
	0.7 U									
	GF, REC (UG/L) (82671)	GF, REC (UG/L) (82672)	GF, REC (UG/L) (82673)	GF, REC (UG/L) (82674)	GF, REC (UG/L) (82675)	GF, REC (UG/L) (82676)	GF, REC (UG/L) (82677)	GF, REC (UG/L) (82678)	GF, REC (UG/L) (82679)	GF, REC (UG/L) (82680)

01621050 MUDDY CREEK AT MOUNT CLINTON, VA (LAT 38 29 12N LONG 078 57 38W)

OCT 1999										
19...	<.004	<.003	<.002	<.003	<.013	<.003	<.017	<.001	<.004	<.003
NOV										
10...	<.004	<.003	<.002	<.003	<.013	<.003	<.017	<.001	<.004	<.003
DEC										
07...	<.004	<.003	<.002	<.003	<.013	<.003	<.017	<.001	<.004	<.003
FEB 2000										
03...	<.004	<.003	<.002	<.003	<.013	<.003	<.017	<.001	<.004	<.003
MAR										
01...	<.004	<.003	<.002	<.003	<.013	<.003	<.017	<.001	<.004	<.003
09...	<.004	<.003	<.002	<.003	<.013	<.003	<.017	<.001	<.004	<.003
APR										
17...	--	--	--	--	--	--	--	--	--	--
18...	<.004	<.003	<.002	<.003	<.013	<.003	<.017	<.001	<.004	<.003
MAY										
11...	<.004	<.003	<.002	<.003	<.013	<.003	<.017	<.001	<.004	<.003
22...	<.004	<.003	<.002	<.003	<.013	<.003	<.017	<.001	<.004	<.003
JUN										
20...	<.004	<.003	<.002	<.003	<.013	<.003	<.017	<.001	<.004	<.003
29...	<.004	<.003	<.002	<.003	<.013	<.003	<.017	<.001	<.004	<.003
JUL										
12...	--	--	--	--	--	--	--	--	--	--
27...	<.004	<.003	<.002	<.003	<.013	<.003	<.017	<.001	<.004	<.003
AUG										
15...	<.004	<.003	<.002	<.003	<.013	<.003	<.017	<.001	<.004	<.003
15...	<.004	<.003	<.002	<.003	<.013	<.003	<.017	<.001	<.004	<.003
15...	<.004	<.003	<.002	<.003	<.013	<.003	<.017	<.001	<.004	<.003
29...	<.004	<.003	<.002	<.003	<.013	<.003	<.017	<.001	<.004	<.003
SEP										
07...	<.004	<.003	<.002	<.003	<.013	<.003	<.017	<.001	<.004	<.003
27...	<.004	<.003	<.002	<.003	<.013	<.003	<.017	<.001	<.004	<.003

DATE	THIO-	DCPA	PENDI-	NAPROP-	PRO-	METHYL	PER-	DIAZ-	HCH	
	BENCARB	WATER	METH-	AMIDE	PARGITE	AZIN-	METHRIN	INON	ALPHA	
	WATER	WATER	ALIN	WATER	WATER	PHOS	CIS	D10 SRG	D6 SRG	
	FLTRD	FLTRD	WAT FLT	FLTRD	FLTRD	WAT FLT	WAT FLT	WAT FLT	WAT FLT	WAT FLT
	0.7 U	0.7 U	0.7 U	0.7 U						
	GF, REC (UG/L) (82681)	GF, REC (UG/L) (82682)	GF, REC (UG/L) (82683)	GF, REC (UG/L) (82684)	GF, REC (UG/L) (82685)	GF, REC (UG/L) (82686)	GF, REC (UG/L) (82687)	PERCENT (91063)	PERCENT (91065)	PENDED (80154)

01621050 MUDDY CREEK AT MOUNT CLINTON, VA (LAT 38 29 12N LONG 078 57 38W)

OCT 1999										
19...	<.002	<.002	<.004	<.003	<.013	<.001	<.005	105	102	6
NOV										
10...	<.002	<.002	<.004	<.003	--	<.001	<.005	103	100	1
DEC										
07...	<.002	.006	<.004	<.003	<.013	<.001	<.005	119	104	6
FEB 2000										
03...	<.002	<.002	<.004	<.003	--	<.001	<.005	97	101	12
MAR										
01...	<.002	<.002	<.004	<.003	<.013	<.001	<.005	96	98	9
09...	<.002	<.002	<.004	<.003	<.013	<.001	<.005	102	101	8
APR										
17...	--	--	--	--	--	--	--	--	--	--
18...	<.002	<.002	<.004	<.003	<.013	<.001	<.005	107	93	166
MAY										
11...	<.002	<.002	<.004	<.003	<.013	<.001	<.005	76	76	2
22...	<.002	<.002	<.004	<.003	<.013	<.020	<.005	110	94	139
JUN										
20...	<.002	<.002	<.008	<.003	<.013	<.010	<.005	106	92	13
29...	<.002	<.002	<.004	<.003	<.013	<.001	<.005	99	95	--
JUL										
12...	--	--	--	--	--	--	--	--	--	17
27...	<.002	<.002	<.004	<.003	<.013	<.001	<.005	117	110	--
AUG										
15...	<.002	<.002	<.004	<.003	<.013	<.001	<.005	96	90	0
15...	<.002	<.002	<.004	<.003	<.013	<.001	<.005	101	94	3
15...	<.002	<.002	<.004	<.003	<.013	<.001	<.005	100	95	3
29...	<.002	<.002	<.004	<.003	<.013	<.001	<.005	115	109	--
SEP										
07...	<.002	<.002	<.004	<.003	<.013	<.010	<.005	101	99	--
27...	<.002	<.002	<.004	<.003	<.013	<.001	<.005	119	108	--